

## EAST Search History

| Ref # | Hits     | Search Query                                                                                                                                                                                                                                                                                             | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| S1    | 0        | "capacitor electrode" and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and (oxide or titanate) and barium and strontium and titanium and oxygen and "BSTO" and seed and grow and platinum and crystalline | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:51 |
| S2    | 33932817 | "capacitor electrode" and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and (oxide or titanate) and barium and strontium and titanium and oxygen and "BSTO" a                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:52 |
| S3    | 0        | "capacitor electrode" and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and (oxide or titanate) and barium and strontium and titanium and oxygen and "BSTO"                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:52 |
| S4    | 1        | "capacitor electrode" and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4))                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:53 |
| S5    | 284      | electrode and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4))                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:53 |
| S6    | 0        | electrode and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and "BSTO"                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/01 12:53 |

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|     |    |                                                                                                                                                                                                                                                                                                 |                                                                   |    |    |                  |
|-----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S7  | 13 | electrode and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:54 |
| S8  | 9  | electrode and (substrate or wafer or semiconductor) and (gas near8 temp\$4) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:55 |
| S9  | 81 | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:56 |
| S10 | 61 | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:56 |
| S11 | 31 | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:56 |
| S12 | 30 | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor and oxygen | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:57 |

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|     |     |                                                                                                                                                                                                                                                                                                                                         |                                                                   |    |    |                  |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S13 | 0   | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor and oxygen and seed                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:57 |
| S14 | 29  | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor and oxygen and time                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:57 |
| S15 | 15  | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor and oxygen and time and capacitance                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 12:57 |
| S16 | 2   | electrode and (substrate or wafer or semiconductor) and (dielectric near8 gas) and (temperature or thermal) and ((first or primary or one or singl\$4) same (second or two or plural\$4)) and barium and strontium and oxide and titanium and crystalline and titanate and conductor and oxygen and time and capacitance and nucleat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/02 08:05 |
| S17 | 513 | "BSTO"                                                                                                                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:00 |
| S18 | 363 | "BSTO" and electrode                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:00 |

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|     |      |                                                                                                                                                                                                                                                                                     |                                                                   |    |    |                  |
|-----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S19 | 4    | "BSTO" and electrode and (substrate or wafer or semiconductor) and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas))                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:03 |
| S20 | 4    | "BSTO" and electrode and (substrate or wafer or semiconductor) and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and temperature                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:31 |
| S21 | 1    | "BSTO" and electrode and (substrate or wafer or semiconductor) and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and temperature and crystalline                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:04 |
| S22 | 0    | "BSTO" and electrode and (substrate or wafer or semiconductor) and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and temperature and crystalline and conductor                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:04 |
| S23 | 0    | "BSTO" and electrode and (substrate or wafer or semiconductor) and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and temperature and crystalline and (metal near oxide)                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:04 |
| S24 | 1348 | "BSTO" and barium and strontium and titanium and oxygen and electrode and (semiconductor or wafer or substrate) and (heat or thermal) and temperature seed and nucleat\$4 and "metal oxide"                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:35 |
| S25 | 48   | "BSTO" and barium and strontium and titanium and oxygen and electrode and (semiconductor or wafer or substrate) and (heat or thermal) and temperature seed and nucleat\$4 and "metal oxide" and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:36 |

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|     |    |                                                                                                                                                                                                                                                                                                                                  |                                                                   |    |    |                  |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S26 | 42 | "BSTO" and barium and strontium and titanium and oxygen and electrode and (semiconductor or wafer or substrate) and (heat or thermal) and temperature seed and nucleat\$4 and "metal oxide" and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and conductor and time                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/01 13:36 |
| S27 | 41 | "BSTO" and barium and strontium and titanium and oxygen and electrode and (semiconductor or wafer or substrate) and (heat or thermal) and temperature seed and nucleat\$4 and "metal oxide" and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and conductor and time and grow              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/02 10:30 |
| S28 | 5  | "6207584"                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/02 08:06 |
| S29 | 41 | "BSTO" and barium and strontium and titanium and oxygen and electrode and (semiconductor or wafer or substrate) and (heat or thermal) and temperature seed and nucleat\$4 and "metal oxide" and (((first or one or primary) near gas) same ((second or plural\$4 or two) near gas)) and conductor and time and grow and platinum | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/02 10:31 |
| S30 | 57 | (orient\$4 near platinum)                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/16 10:43 |
| S31 | 1  | (orient\$4 near platinum) and temperature and nucleat\$4 and gas and "metal oxide" and "BSTO"                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/16 10:45 |

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|-----|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S32 | 1 | (orient\$4 near platinum) and temperature and nucleat\$4 and gas and "metal oxide" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/16 10:46 |
| S33 | 3 | (orient\$4 near platinum) and temperature and nucleat\$4 and gas                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/16 10:46 |